

Please ADD new claims 11-24 in accordance with the following:

11. (NEW) A computer-aided method for parallel calculation of the operating point of electrical circuits, comprising:

partitioning the circuit into a number of partitions in a first step; and
using the charging method for the parallel calculation of the individual partitions,
a dynamic element being provided at each node of the circuit.

12. (NEW) The computer-aided method as claimed in claim 11, wherein each node of the circuit is connected to in each case a predetermined value having in each case a potential by means of in each case one capacitance so that an operating point of the modified circuit can be calculated.

13. (NEW) The computer-aided method as claimed in claim 12, wherein a capacitance having the same value is provided at each node of a partition.

14. (NEW) The computer-aided method as claimed in claim 12, wherein each node of a partition is connected to the same potential by means of a capacitance.

15. (NEW) The computer-aided method as claimed in claim 12, wherein a capacitance having the same value is provided at each node of all partitions.

16. (NEW) The computer-aided method as claimed in claim 12, wherein
each node of all partitions is connected to the same potential by means of a
capacitance.

17. (NEW) The computer-aided method as claimed in claim 12, wherein the potential is connected to ground.

18. (NEW) The computer-aided method as claimed in claim 12, wherein
the operating point of the circuit is calculated in each case with a suitable step-
by-step change in the value of (C) of the capacitance, and
this step is repeated until the values of the capacitances are almost zero.

19. (NEW) The computer-aided method as claimed in claim 13, wherein each node of a

partition is connected to the same potential by means of a capacitance.

20. (NEW) The computer-aided method as claimed in claim 19, wherein a capacitance having the same value is provided at each node of all partitions.

21. (NEW) The computer-aided method as claimed in claim 20, wherein each node of all partitions is connected to the same potential by means of a capacitance.

22. (NEW) The computer-aided method as claimed in claim 21, wherein the potential is connected to ground.

23. (NEW) The computer-aided method as claimed in claim 22, wherein the operating point of the circuit is calculated in each case with a suitable step-by-step change in the value of (C) of the capacitance, and this step is repeated until the values of the capacitances are almost zero.

24. (NEW) A computer readable medium storing a program to control a computer to perform a method for parallel calculation of the operating point of electrical circuits, the method comprising:

partitioning the circuit into a number of partitions in a first step; and
using the charging method for the parallel calculation of the individual partitions, a dynamic element being provided at each node of the circuit.